

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132697.D
 Acq On : 08 Mar 2023 18:56
 Operator : CG\JU
 Sample : 01825-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP3-0306

Quant Time: Mar 09 00:39:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

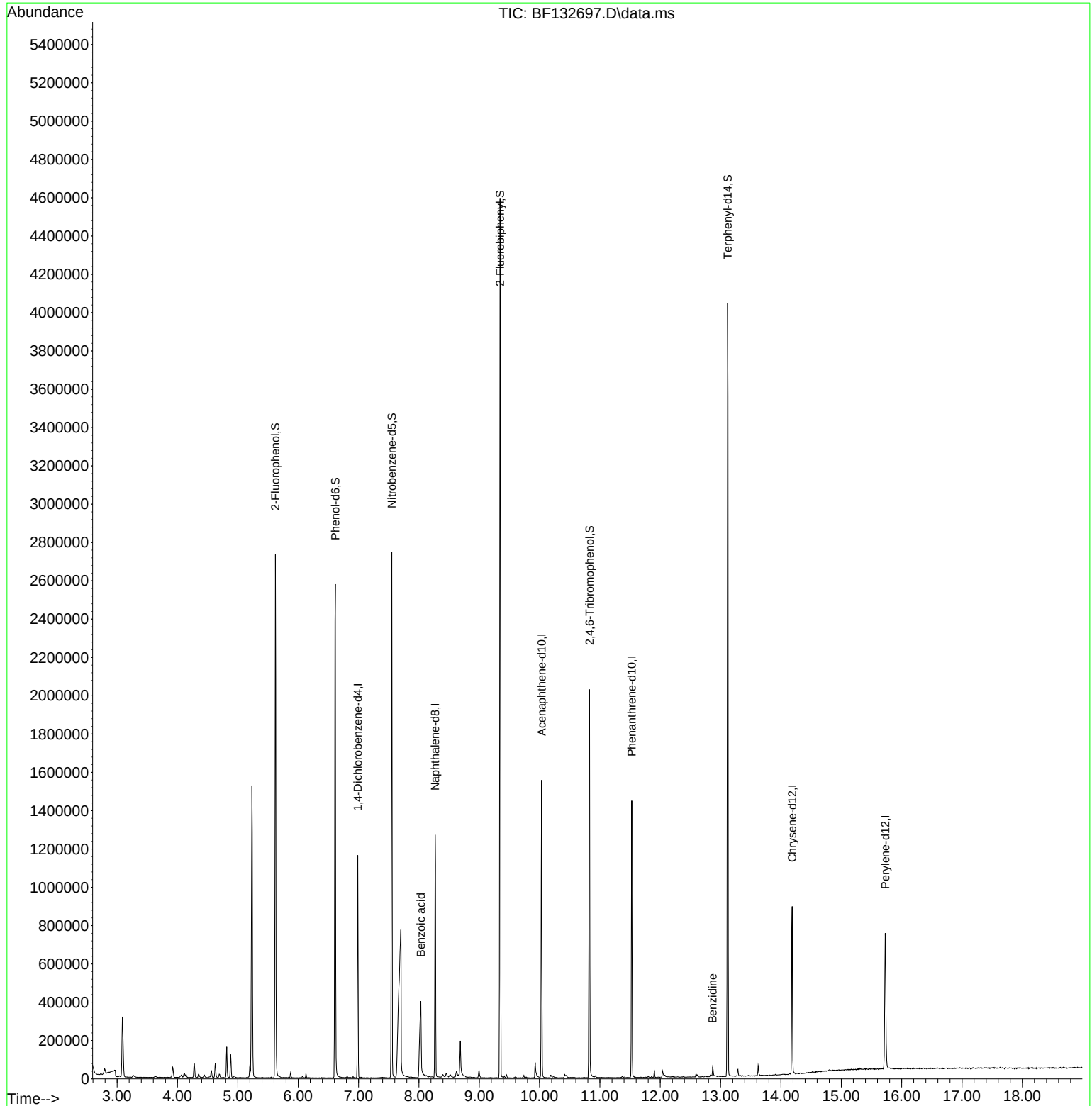
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.986	152	152843	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	557333	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	286576	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	510090	20.000	ng	0.00
76) Chrysene-d12	14.186	240	307998	20.000	ng	-0.01
86) Perylene-d12	15.727	264	366179	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	777845	82.596	ng	0.00
7) Phenol-d6	6.616	99	950993	77.375	ng	0.00
23) Nitrobenzene-d5	7.551	82	904281	76.979	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	256786	82.971	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1443077	76.675	ng	-0.01
79) Terphenyl-d14	13.115	244	1498450	82.257	ng	-0.01
Target Compounds						
32) Benzoic acid	8.033	122	156690	24.748	ng	94
77) Benzidine	12.868	184	22137	2.953	ng	97

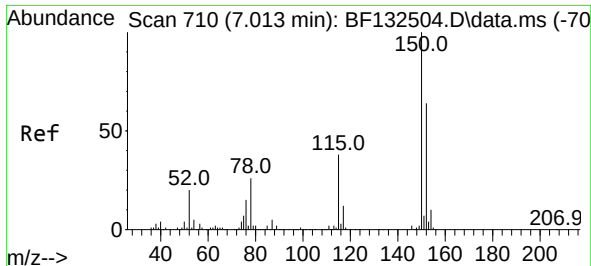
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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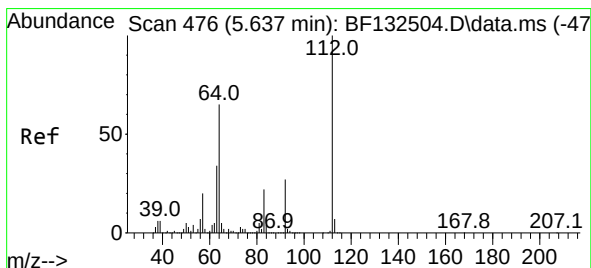
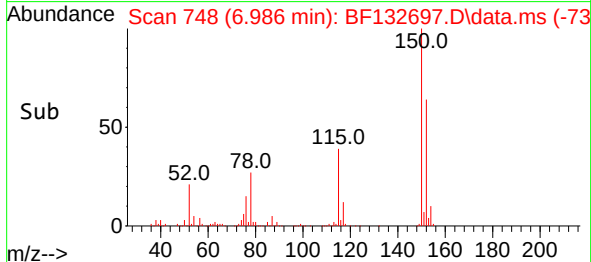
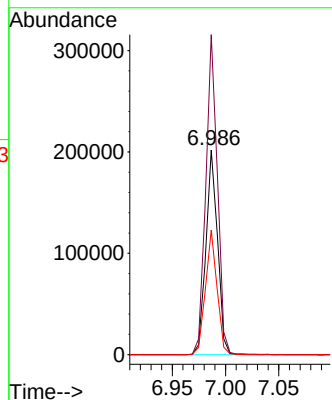
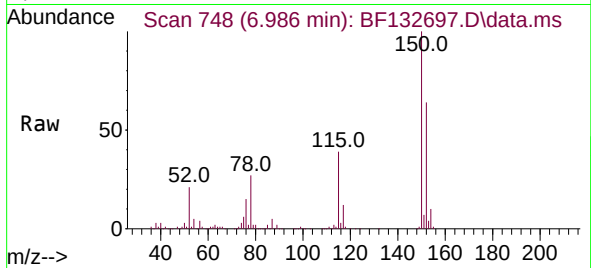




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.986 min Scan# 74
Delta R.T. -0.007 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

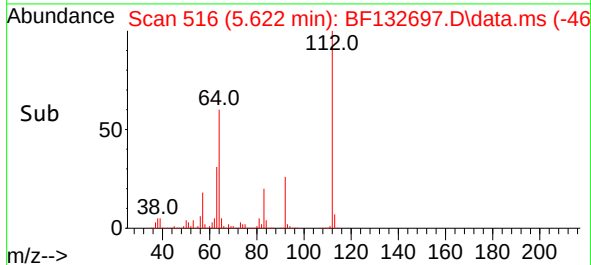
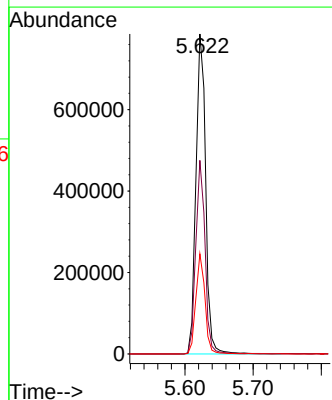
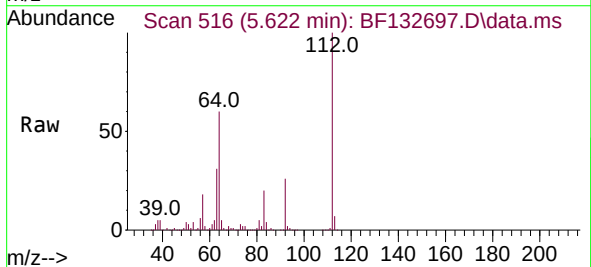
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

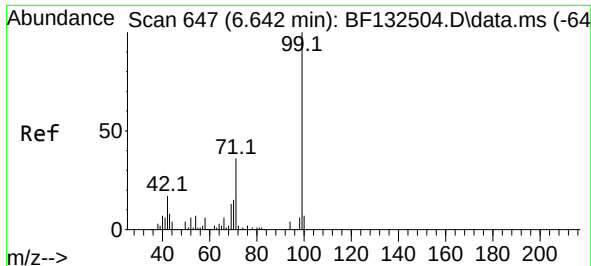
Tgt Ion:152 Resp: 152843
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.2
115 60.9 47.8 71.6



#5
2-Fluorophenol
Concen: 82.596 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion:112 Resp: 777845
Ion Ratio Lower Upper
112 100
64 60.5 51.6 77.4
63 31.3 27.4 41.2

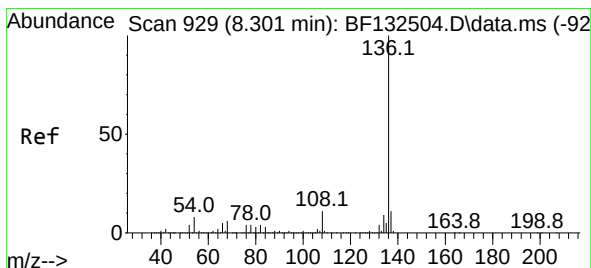
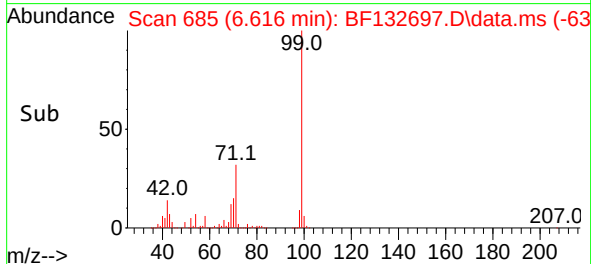
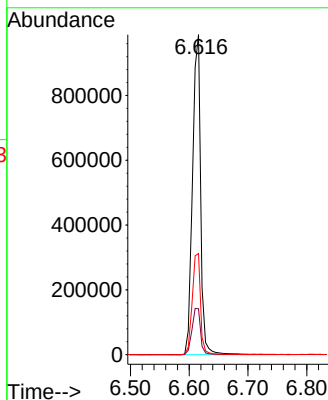
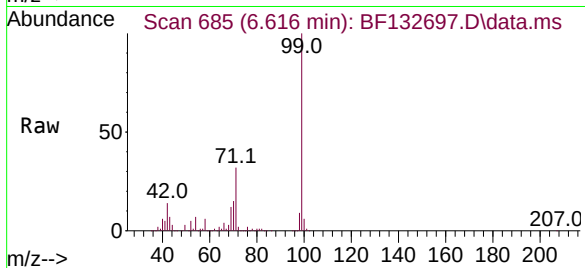




#7
Phenol-d6
Concen: 77.375 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

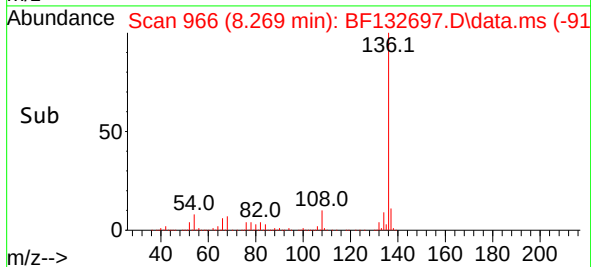
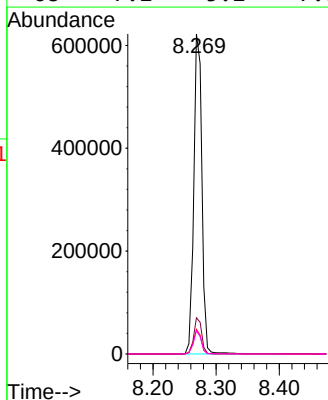
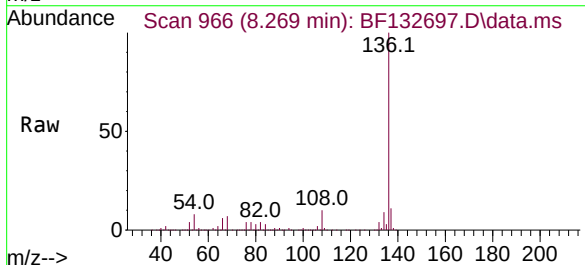
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

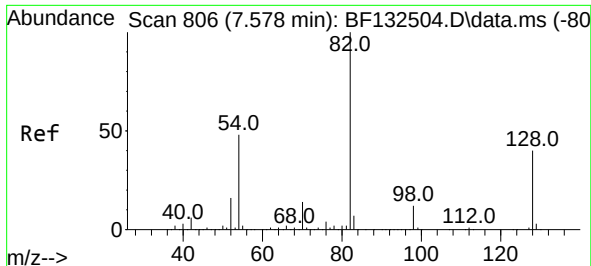
Tgt Ion: 99 Resp: 950993
Ion Ratio Lower Upper
99 100
42 14.3 13.9 20.9
71 31.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion:136 Resp: 557333
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.7 6.2 9.4
68 7.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 76.979 ng

RT: 7.551 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132697.D

Acq: 08 Mar 2023 18:56

Instrument :

BNA_F

ClientSampleId :

HH-TP3-0306

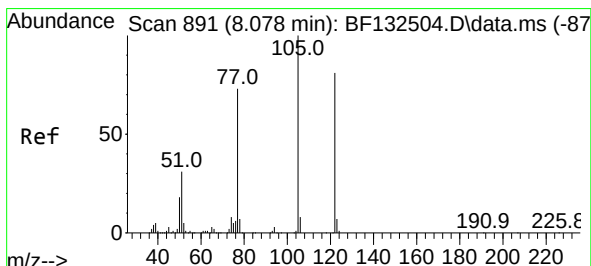
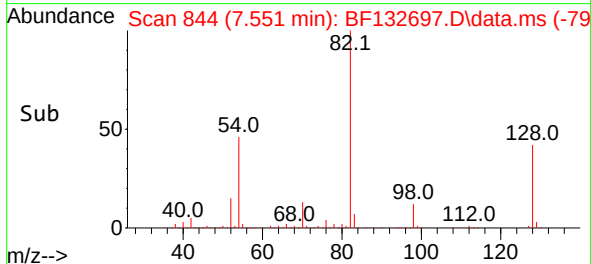
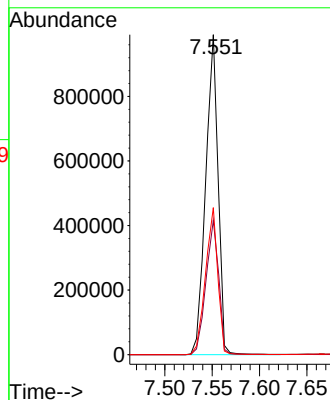
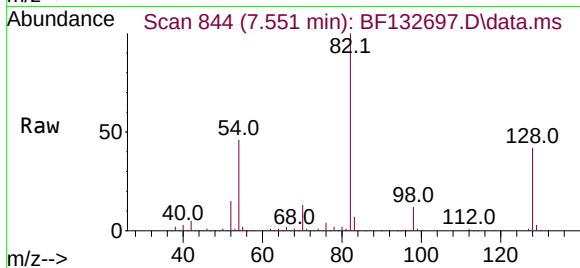
Tgt Ion: 82 Resp: 904281

Ion Ratio Lower Upper

82 100

128 42.0 32.2 48.2

54 45.9 38.4 57.6



#32

Benzoic acid

Concen: 24.748 ng

RT: 8.033 min Scan# 926

Delta R.T. -0.024 min

Lab File: BF132697.D

Acq: 08 Mar 2023 18:56

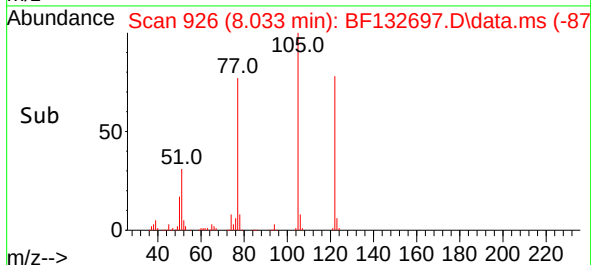
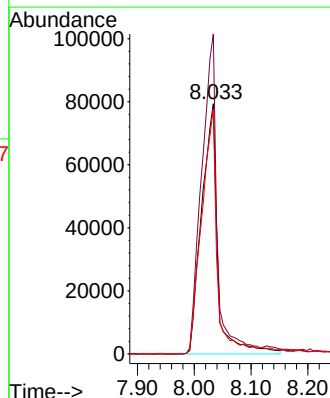
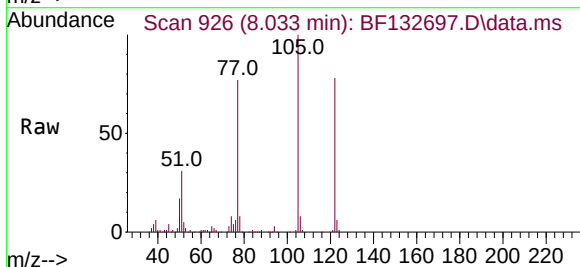
Tgt Ion:122 Resp: 156690

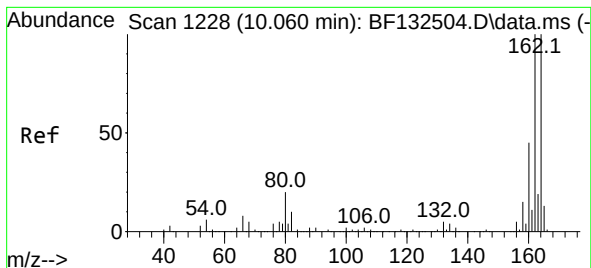
Ion Ratio Lower Upper

122 100

105 127.9 102.6 142.6

77 97.8 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.033 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132697.D

Acq: 08 Mar 2023 18:56

Instrument :

BNA_F

ClientSampleId :

HH-TP3-0306

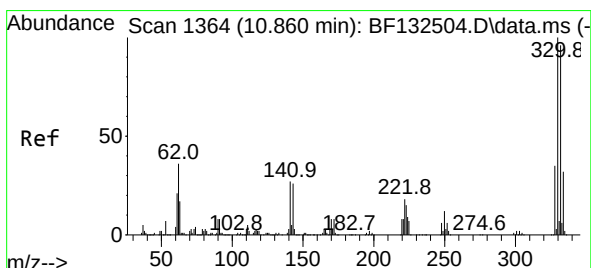
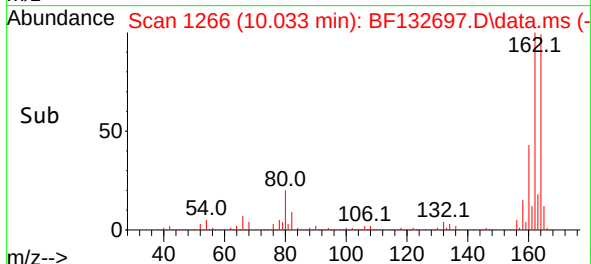
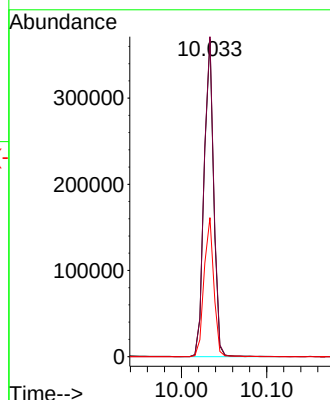
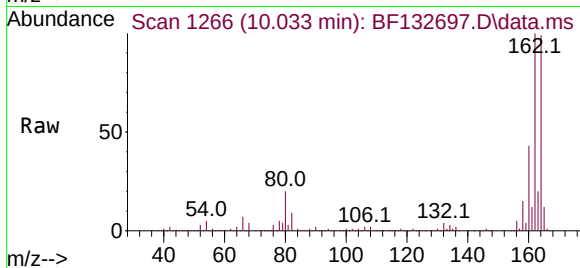
Tgt Ion:164 Resp: 286576

Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.8

160 43.8 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 82.971 ng

RT: 10.827 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF132697.D

Acq: 08 Mar 2023 18:56

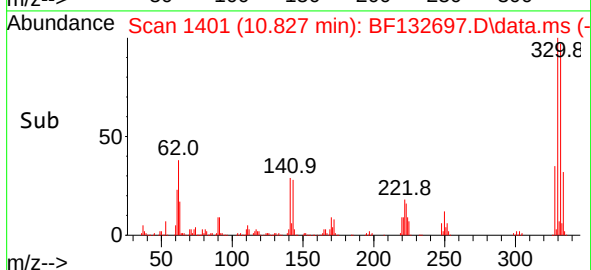
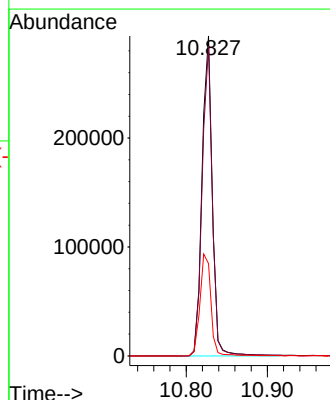
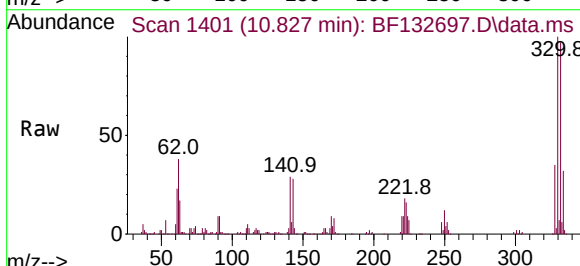
Tgt Ion:330 Resp: 256786

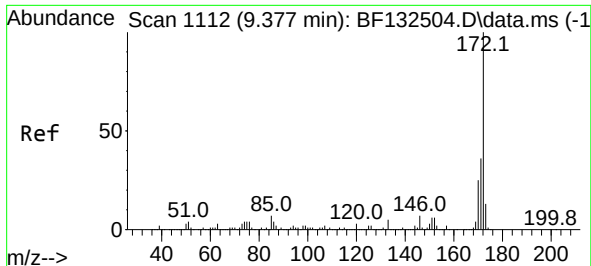
Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 34.1 28.4 42.6

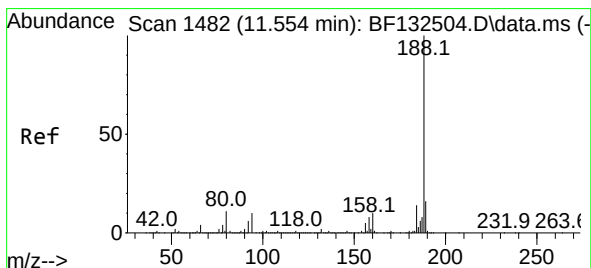
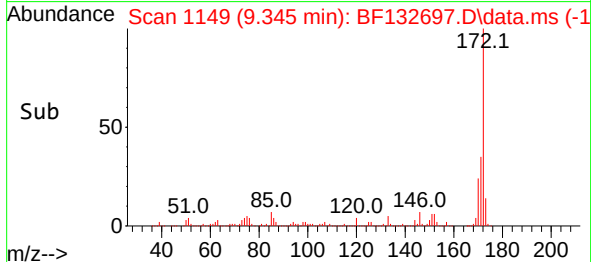
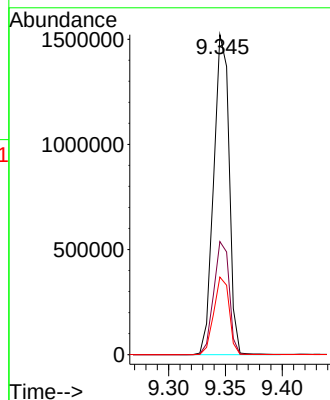
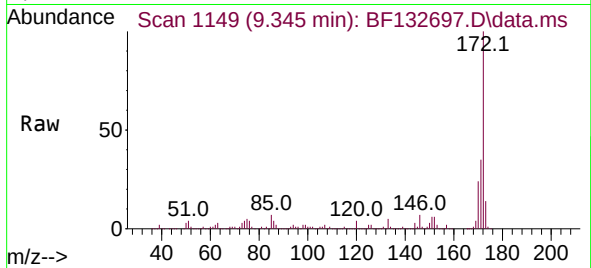




#45
2-Fluorobiphenyl
Concen: 76.675 ng
RT: 9.345 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

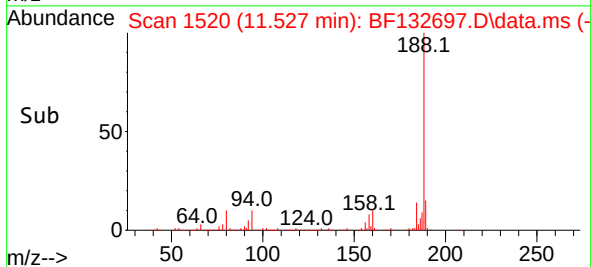
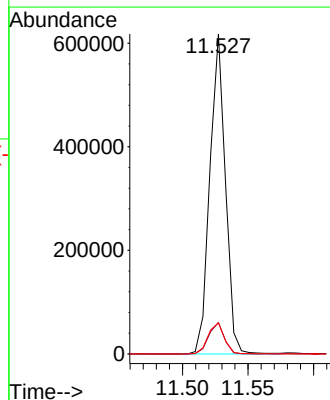
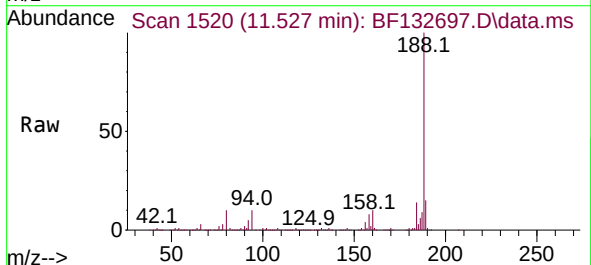
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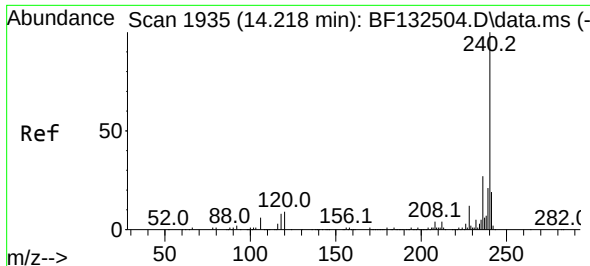
Tgt Ion:172 Resp: 1443077
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.2 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion:188 Resp: 510090
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 9.7 8.7 13.1

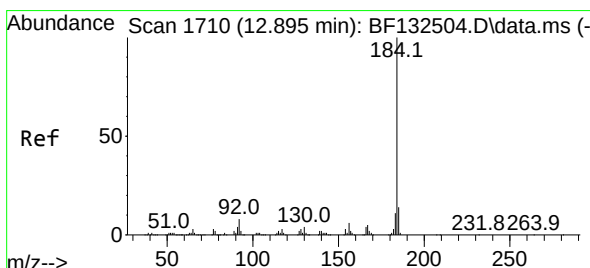
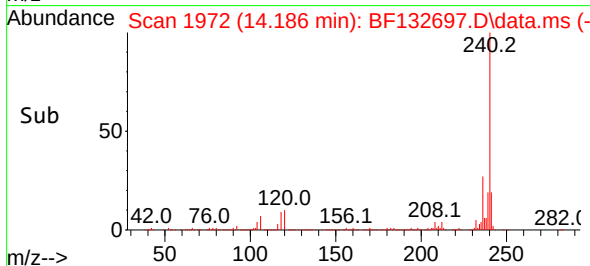
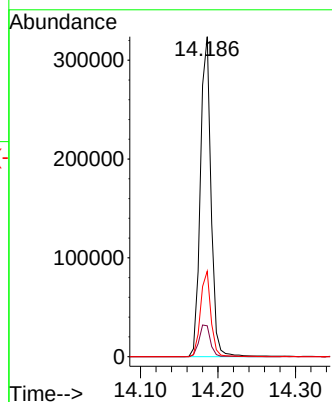
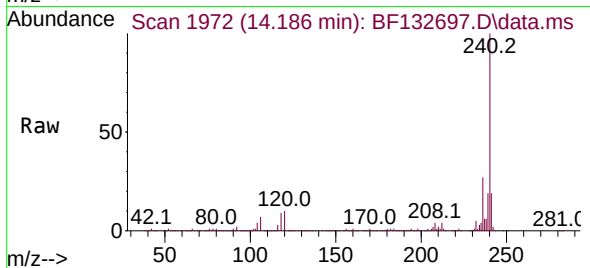




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

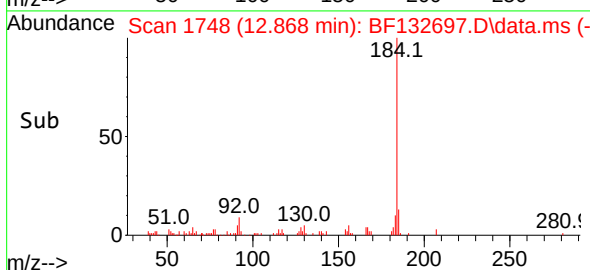
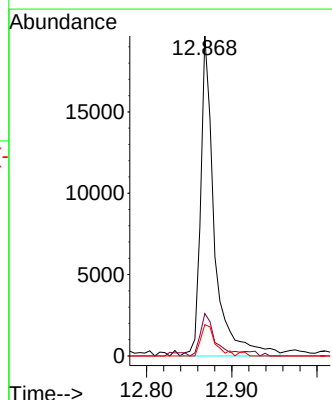
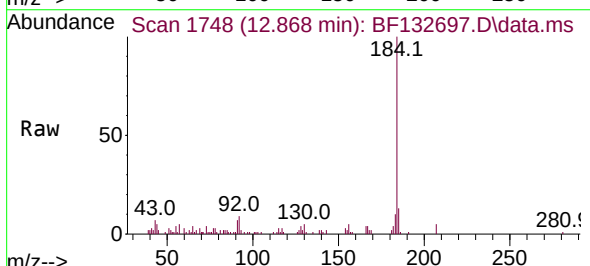
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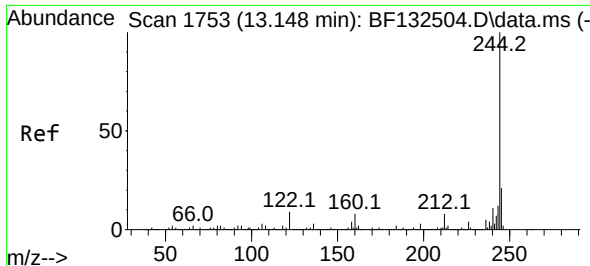
Tgt Ion:240 Resp: 307998
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.7 21.8 32.6



#77
Benzidine
Concen: 2.953 ng
RT: 12.868 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

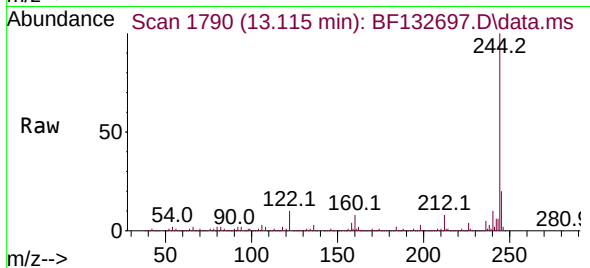
Tgt Ion:184 Resp: 22137
Ion Ratio Lower Upper
184 100
185 13.2 11.7 17.5
183 9.8 8.7 13.1



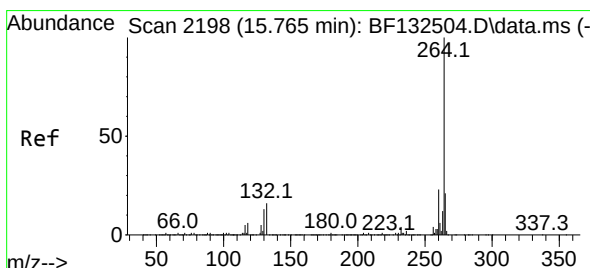
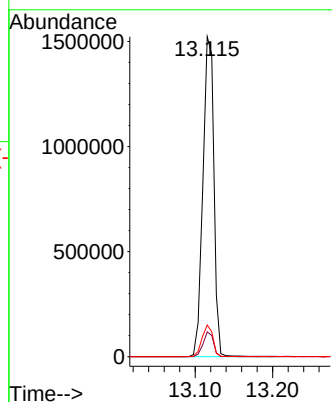
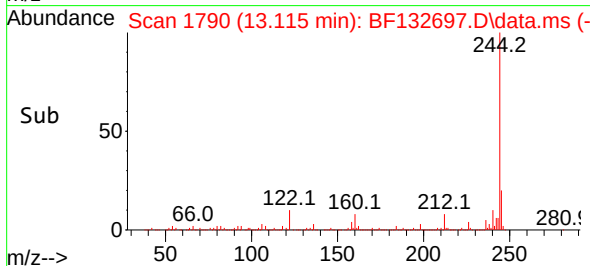


#79
 Terphenyl-d14
 Concen: 82.257 ng
 RT: 13.115 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF132697.D
 Acq: 08 Mar 2023 18:56

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Tgt Ion:244 Resp: 1498450
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2234
 Delta R.T. -0.012 min
 Lab File: BF132697.D
 Acq: 08 Mar 2023 18:56

Tgt Ion:264 Resp: 366179
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 21.7 17.1 25.7

